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Doran R. Pace, Patent Attorney

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INFORMATION DISCLOSURE  
STATEMENT

Examining Group 2856  
Patent Application  
Docket No. R&G-106  
Serial No. 10/527,347

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 2856  
Applicants : Derek John Fray, Carsten Schwandt  
Serial No. : 10/527,347 ✓  
Filed : March 10, 2005  
Conf. No. : 7234  
For : Hydrogen Sensing Apparatus and Method

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.97 AND 1.98

Sir:

The above-identified patent application was filed in the U.S. Patent Office as a national application under 35 USC §371. Applicants have been notified that a copy of the International Search Report has been made available in the national stage file as indicated on the Notice of Acceptance of the Application Under 35 USC 371 (Form PCT/DO/EO/903). The Notice does not indicate whether copies of the references cited in the International Search Report were received by the Patent Office. Therefore, copies of the references cited in the International Search Report are enclosed for the Examiner's convenience. However, Applicants have not submitted copies of the U.S. patents cited on attached Form PTO/SB/08 pursuant to 37 CFR 1.98(a)(2)(ii).

In accordance with 37 CFR §1.56, Applicants hereby request that the references cited in the International Search Report and listed on the attached form PTO/SB/08 be made of record and considered in the examination of the subject application.

Applicants have also listed on form PTO/SB/08 a reference which was not cited in the International Search Report. A copy of this reference is enclosed with this Information Disclosure Statement. Applicants respectfully request that this reference be made of record and considered in the examination of the subject application.

Applicants respectfully assert that the substantive provisions of 37 CFR §§1.97 and 1.98 are met by the foregoing statement.

Respectfully submitted,



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DRP/kmm

Attachment: Form PTO/SB/08; copies of cited references.



PTO/SB/08A (08-03)

Approved for use through 07/31/2008, OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

2

## **Complete if Known**

Application Number	10/527,347
Filing Date	March 10, 2005
First Named Inventor	Derek John Fray
Art Unit	<del>2050</del> 1795
Examiner Name	Kourtney Salzman
Attorney Docket Number	R&G-106

## **U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Document Number Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/K.S./	U1	US-4,882,032	11-21-1989	Tiwari, B. L.	All
/K.S./	U2	US-5,445,725	08-29-1995	Koide, K. et al.	All
/K.S./	U3	US-4,664,757	05-12-1987	Zupancic, J. J. et al.	All
	U4	US-			
	U5	US-			
	U6	US-			
	U7	US-			
	U8	US-			
	U9	US-			

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	<sup>6</sup>
/K.S./	F1	EP 0 330 249 A2	08-30-1989	Eniricerche S.p.A.	All	
/K.S./	F2	GB 1 234 922 A	06-09-1971	United Nuclear Corporation	All	
	F3					
	F4					
	F5					
	F6					
	F7					

Examiner Signature	/Kourtney Salzman/	Date Considered	04/11/2008
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP901.04. <sup>4</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard T.3). <sup>5</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Application Number</b>	10/527,347	
			<b>Filing Date</b>	March 10, 2005	
			<b>First Named Inventor</b>	Derek John Fray	
			<b>Group Art Unit</b>	<del>2650</del> 1795	
			<b>Examiner Name</b>	Kourtney Salzman	
<b>Attorney Docket Number</b>	R&G-106				
Sheet	2	of	2		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/K.S./	R1	KATAHIRA, K. et al. "A Solid Electrolyte Hydrogen Sensor with an Electrochemically-Supplied Hydrogen Standard" <i>Sensors and Actuators B</i> , March 10, 2001, pp. 130-134, Vol. 73, No. 2-3.	
/K.S./	R2	SCHWANDT, C. et al. "A Novel Electrochemical Hydrogen Analyser for use in Molten Aluminum and its Alloys" <i>6<sup>th</sup> International American Foundry Society Conference, Orlando</i> , 2001, pp. 149-157.	
/K.S./	R3	YAJIMA, T. et al. "CaZrO <sub>3</sub> -Type Hydrogen and Steam Sensors: Trial Fabrication and Their Characteristics" <i>Sensors and Actuators B</i> , August 1, 1991, pp. 145-147, Vol. B05, No. 1/4.	
	R4		
	R5		
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		
	R13		

Examiner Signature	/Kourtney Salzman/	Date Considered	04/11/2008
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
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